## **Summary Table of 2014 Basewide Annual Monitoring**

Operable Unit	Site(s)	Summary	Notes
OU 1	CG 070	TCE groundwater plume	Groundwater samples collected during April and October 2014. Decreasing TCE concentration trends. ROD amendment planned.
OU 3	FT019a	Decreasing TCE concentrations. Groundwater samples collected in October 2014	Following regulatory approval, optimization measures proposed in Supplemental Site Investigation Report and Optimization work Plan for OU 3 Sites FT019a and FT019c.
	FT019c	BTEX not detected. TCE concentrations stable/slightly decreasing.	Following regulatory approval, optimization measures proposed in Supplemental Site Investigation Report and Optimization work Plan for OU 3 Sites FT019a and FT019c.
	ZZ051	SVE. No VOCs detected in groundwater samples collected in April 2014	Removal and monitoring continues with groundwater samples to be collected in April 2015. Implement optimization measures following approval of SSI Work Plan for ZZ051.
	OT069	TCE; cis-1,2-DCE; PCE; 1,1-DCA. COCs decreasing at all subsites except for one.	COC concentrations in groundwater decreasing overall but TCE and cis-1,2-DCE exceeding MCL in several locations. Limited anaerobic reductive dechlorination may be occurring within chlorinated solvent plumes.
	DP003	Burial site; soil cover installed 1996/1997. Annual cover and biological inspections, groundwater sampling every 5 years.	Groundwater samples collected in April and October 2014. TCE exceeds MCL at NZ-84 and NZ-106, but concentration of TCE at NZ-84 has been decreasing since 2011. Groundwater flow direction in this area altered from natural flow direction. TCE not likely from DP003. Background and compliance wells will not be monitored again until 2019.
	DP004	Burial site; soil cover installed 1996/1997. Annual cover and biological inspections, groundwater sampling every 5 years.	Groundwater samples collected in April and October 2014. TCE exceeds MCL at NZ-84, but concentration has been decreasing since 2011. Groundwater flow direction in this area altered from natural flow direction. TCE not likely from DP004. Background and compliance wells will not be monitored again until 2019.
	LF044	Landfill; surface debris removed, institutional controls added. Annual groundwater sampling.	Groundwater samples collected in April and October 2014. TCE exceeding MCL in NZ-80 and below MCL in NZ-112 and NZ-133; considered to be part of OU1 Plume. Nitrate in NZ-80 exceeds MCL and is expected to attenuate naturally over time. TDS concentrations in 2 of 3 wells exceeded MCL. Data will continually to be collected to determine source of TDS.
	LF012	Disposal Area. Soil cover completed in 1997. Annual groundwater sampling.	Groundwater samples collected in April 2014. Slightly elevated but stable TDS concentrations since 2002 likely represent background conditions; no evidence of leakage from LF012. Amendment 04 to LTMMP for OU3 landfills

prepared, seeking reduction to monitoring once every 5 years. RWQCB disputes the data and interpretation used to establish Amendment. Discussion still ongoing.  Extensive repairs completed in 1997. Annual Groundwater sampling.  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SEDA  SEDA  SEDA  SEDA  Disposal areas; soil cover completed in 1997.  SED
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to accelerate reduction of free-product mass.
OTO171 Dieldrin; new wells added to Irrigation from golf course created
site in 2014 groundwater mound, influencing groundwater
gradients in Upper Aquifer. Potential to
redistribute dieldrin away from the mound to
north, east, and south. Detected

		concentrations within historic ranges. Overall,
		plume is stable or decreasing. Continued
		groundwater monitoring planned for 2015.
SS084	SVE systems shut down in	Benzene plume is stable. MTBE plume is stable
	2014; groundwater samples	and decreasing in downgradient groundwater.
	collected in October 2014	
SS030	Free- and dissolved-phase	Benzene detected at concentrations exceeding
	petroleum products.	MCL at 6 wells. Plume appears to be stable,
	Groundwater samples collected	with little mobility. Areas with measurable free
	in October 2014. Skimming	product in October 2014 similar to areas with
	operations for removal of free	measurable free product in October 2013.
	product suspended in 2014 to	
	measure water levels and	
	apparent free-product	
	thickness at equilibrium.	

SEDA = southeast disposal area

TPH-g = total petroleum hydrocarbons-gasoline

JP-4 = jet propulsion-4

MCL = maximum containment level

MTBE = methyl tertiary butyl ether